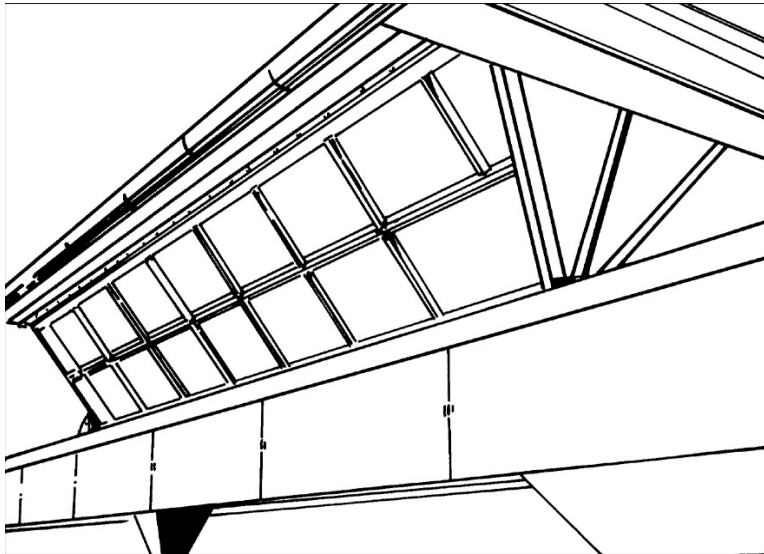


HOPPERS



A. Original Equipment Manufacturer (OEM)

The following OEMs deal with new hoppers. Local dealers should be contacted for availability and further details.

Manufacturer	Available Noise Controls
Daniels Company	
Dover Conveyor and Equipment Company	
Erwin Industries, Inc.	
Manufacturers Equipment Company	
E. F. Marsh Engineer Company	
Pakco Industrial Ceramics, Inc.	
Trelleborg	X
Universal Engineering	
Vibra Screw, Inc.	

"X" indicates product availability.

B. Retrofit Noise Controls

Currently, no retrofit noise control kits are available from OEMs, however Noise from impact points may be controlled by installing products such as the following:

Manufacturer	Type of Material (Cost)
Aggregates Equipment, Inc.	Rubber-lined chutes with composite-type material (\$15-\$20/ft ²)
Ceramic Technology, Inc.	Ceramic liners (½" thick = \$30-\$40/ft ²) (1" thick = \$40-\$50/ft ²) (2" thick = \$60-\$75/ft ²)
Cerline Ceramic Corporation	Ceramic liners (½" thick = \$30-\$40/ft ²) (1" thick = \$40-\$50/ft ²) (2" thick = \$60-\$75/ft ²)
Linatex Corporation of America	Abrasive-resistant material (¼" thick = \$9.30/ft ²) (½" thick = \$18.10/ft ²)
Trellex--Division of Sevedaia Industries	Rubber and polyurethane liners (½" thick = \$33/ft ²) (4" thick = \$85/ft ²)

Consultation with the manufacturers regarding specific applications is recommended.

C. Alternative Technology

None identified at this time.